

CLAIMS:

1. An audio/video apparatus (10) having first and second modes of operation, the apparatus (10) comprising:
 - first (AUX1) and second (AUX2) audio inputs for receiving first and second audio signals;
 - a switch arrangement (140, or 140 and 180) for selecting one of the first audio signal, the second audio signal, and a broadcast audio signal; and
 - an audio output for outputting the selected audio signal, whereinin the first mode of operation, the switch arrangement (140, or 140 and 180) selects one of the first audio signal, the second audio signal, and the broadcast audio signal in response to a user command, and in the second mode of operation, the switch arrangement defaults to a predetermined position to select one of the first and second audio signals.
2. The audio/video apparatus (10) of claim 1, wherein in the first mode of operation, the audio/video apparatus (10) is turned on, and in the second mode of operation, the audio/video apparatus (10) is turned off.
3. The audio/video apparatus (10) of claim 2, wherein when the audio/video apparatus (10) is turned off, standby power supplied by a standby power supply (102) is available to the audio/video apparatus (10), and when the audio/video apparatus (10) is turned on, main power supplied by a main power supply (101) and the standby power are both available to the audio/video apparatus (10).
4. The audio/video apparatus (10) of claim 3, further comprising a controller (100) wherein the controller (100) is operational using the standby power when the audio/video apparatus (10) has been turned off, and the controller (100) turns on the audio/video apparatus (10) in response to a user command.

5. The audio/video apparatus (10) of claim 4, wherein the switch arrangement (140, or 140 and 180) is irresponsive to user commands when the apparatus (10) has been turned off.
6. The audio/video apparatus (10) of claim 4, wherein the switch arrangement (140, or 140 and 180) does not receive the standby power when the apparatus (10) has been turned off.
7. The audio/video apparatus (10) of claim 6, wherein the switch arrangement (140, or 140 and 180) comprises transistors.
8. The audio/video apparatus (10) of claim 4, wherein the switch arrangement (140, or 140 and 180) comprises an electronic switch (140) for selecting one of the first input audio signal, the second audio signal, and the broadcast audio signal, and a second switch (180) having a first input terminal coupled to an output of the electronic switch (140), a second terminal coupled to one of the first (AUX1) and second (AUX2) audio inputs, and an output terminal coupled to the audio output, wherein when the audio/video apparatus (10) is turned on the output terminal of the second switch (180) is coupled to the first terminal, and when the audio/video apparatus (10) is not turned on, the output terminal of the second switch (180) is coupled to the second terminal.
9. The audio/video apparatus (10) of claim 8, wherein the second switch (180) is a solenoid switch (310) powered by the main power, but not by the standby power, and when the main power is not available, the solenoid switch connects the output terminal to the second terminal.
10. The audio/video apparatus (10) of claim 8, wherein the second switch (180) is a solid state switch (410) controlled by the controller (100), the controller (100) causes the second switch (180) to connect the first input terminal to the output terminal when the main power is available, and connects the second input terminal

to the output terminal when the main power is not available but the standby power is still available.

11. The audio/video apparatus (10) of claim 8, wherein the second switch (180) includes a third terminal coupled to a different one of the first (AUX1) and second (AUX2) audio inputs, and when the audio/video apparatus (10) is not turned on, the output terminal of the second switch (180) is coupled to a predefined one of the second and third terminals.

12. The audio/video apparatus (10) of claim 11, wherein the second switch (180) includes first (520), second (530), and third (510) solid state switches controlled by a controller, each switch having an input terminal and an output terminal, the output terminals of the first (520), second (530), and third (510) electronic switches are joined to form the output terminal of the second switch (180), the input terminal of the first solid state switch (520) is the second terminal of the second switch (180), the input terminal of the second solid state switch (530) is the third terminal of the second switch (180), and the input terminal of the third solid state switch (510) is the first input terminal of the second switch (180).

13. The audio/video apparatus (10) of claim 12, wherein the controller (100) turns on the third solid state switch (510) when the audio/video apparatus (10) is turned on, and turns on one of the first (520) and second (530) solid state switches when the audio/video apparatus (10) is turned off according to information stored in a memory (103).

14. The audio/video apparatus (10) of claim 3, wherein the audio output is coupled to an audio amplifier (15).

15. The audio/video apparatus (10) of claim 3, wherein when the audio/video apparatus (10) is turned off, the standby power is not available to the audio/video apparatus (10).

16. A television apparatus (10) comprising:
first audio input (AUX1) for receiving a first audio signal;
a main power source (101) for supplying main power and a standby power source (102) for supplying standby power;
a first switch (140) for selecting one of the first audio signal and a broadcast audio signal;
an audio output for outputting the selected audio signal; and
a controller (100) for controlling the first switch (140) in response to a user signal, wherein
the controller (100) and the first switch (140) are operative when the standby power is available.
17. The television apparatus (10) of claim 16, further comprising a second switch (180) having a first input terminal coupled to an output of the first switch (140), a second terminal coupled to the first audio input (AUX1), and an output terminal coupled to the audio output, wherein when the audio/video apparatus (10) is turned on the output terminal of the second switch (180) is coupled to the first terminal, and when the audio/video apparatus (10) is not turned on, the output terminal of the second switch (180) is coupled to the second terminal.
18. The television apparatus (10) of claim 17, wherein the second switch (180) is not controlled by the controller (100).
19. The television apparatus (10) of claim 17, wherein the first switch (140) is inoperative when the main power is not available but the second switch (180) is operative when one of the main and standby powers is available.
20. An audio/video system (1) having first and second modes of operation, the system (1) comprising:

a television apparatus (10) having a first audio input (AUX1) for receiving first audio signal; a switch arrangement (140 and 180) for selecting one of the first audio signal and a broadcast audio signal; and an audio output for outputting the selected audio signal; and

an audio amplifier (15) coupled to the audio output of the television apparatus (10), wherein

in the first mode of operation, the switch arrangement (140 and 180) selects one of the first audio signal and the broadcast audio signal in response to a user command, and in the second mode of operation, the switch arrangement (140 and 180) defaults to select the first audio signal.

21. The audio/video system (1) of claim 20, wherein the switch arrangement (140 and 180) comprises an electronic switch (140) for selecting one of the first input audio signal and the broadcast audio signal, and a second switch (180) having a first input terminal coupled to an output of the first switch (140), a second terminal coupled to the first audio input (AUX1), and an output terminal coupled to the audio output, wherein when the audio/video apparatus (10) is turned on the output terminal of the second switch (180) is coupled to the first terminal, and when the audio/video apparatus (10) is not turned on, the output terminal of the second switch (180) is coupled to the second terminal.